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SERIES B
IDEA-0192-72
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31 October 1972

MEMORANDUM FOR: Director of Special Activities

SUBJECT: Review of Detachment "G" Activities

1. Detachment "G's" role in prototype, production, and product improvement technical testing efforts for a three year period is summarized in Attachment I to this letter. As shown, the number of sorties flown by Detachment "G" in support of improved intelligence gathering systems, and aircraft defensive systems for operational application at Detachment "H" equates to a significant percentage of the Detachment's flying schedule.

2. Detachment "G" also performs as a lateral supply point and transshipment agent for all pyrotechnics, J75-13 jet engines, critical assets and parachutes used by Detachment "H". These services include necessary packaging, crating, and storing as well as physical movement. Closely related to Detachment "G's" transshipment role is the support provided by the Security Staff to Detachment "H".

3. At the present time, there are two staff Security Officers and four security assistants stationed at Detachment "G". While the great majority of their day-to-day duties is concerned primarily with security responsibilities for their Detachment, on numerous occasions they become either directly or indirectly involved in security support matters for Detachment "H". Specific examples of such support are:

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CLASSIFIED BY	BYEMAN I
EXEMPT FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION	
SCHEMATICALLY REVIEWED BY	DATE
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IMPOSSIBLE TO DETERMINE	
(unless impossible, insert date or event)	

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25X1 a. Every courier entering the CONUS from Detachment "H" with mission take and/or classified cargo is met at either Travis or [redacted] by a Detachment "G" security representative. His duty is to assist the courier with overnight storage and onward transportation arrangements as necessary. On occasion, Detachment "G" security is requested to meet and relieve the Detachment "H" courier at Hickam AFB when Detachment "H" is faced with heavy workload or manning problems.

b. Classified equipment being sent to Detachment "H" is normally couriered by a Detachment "G" security officer. On arrival, he is normally held over to provide escort service for classified items being returned to CONUS.

c. Security support services for any Driver undergoing survival (parasail, seacoast, or desert) training are usually provided by Detachment "G" security personnel.

4. Detachment "G's" contributions have been instrumental in the success of Detachment "H's" mission, and in providing a quality product to users within the Intelligence Community. Should the Detachment's role be reduced, or eliminated certain of these services could probably be accommodated as follows:

a. Technical testing, similar in scope as outlined in Attachment I, would be accomplished in CONUS at [redacted] Eglin AFB (or similar military installation). Detachment "H" has neither the required equipment nor the quality of weather required to accomplish this type mission.

b. Supply support and transshipment activities would be conducted directly between Detachment "H" and the Air Force Depot.

c. Security support would be provided by a combination of increased security positions at Detachment "H", and increased support from Headquarters, [redacted] or other elements of the Office of Security.

[redacted]
Deputy for Materiel, OSA

Attachment: a/s

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25X1

C/PRD/M/OSA/[]/let (31 Oct 72)
Distribution:

- #1 - D/SA (w/att)
- #2 - SS/OSA (w/att)
- #3 - PRD/M/OSA (w/att)
- #4 - D/M/OSA (Chrono) (w/att)
- #5 - RB/OSA (w/att)

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IDEA-0192-72DETACHMENT "G" ROLE IN
TECHNICAL TESTING

<u>DESCRIPTION</u>	<u>NUMBER OF SORTIES</u>			
	<u>FY-71</u>	<u>FY-72</u>	<u>FY-73 Expected</u>	
I. Cameras/Film/Lens				
a. RED DOT testing uses various film types and camera configurations in the U-2 for [] etc. filming and processing product improvement efforts.	22	22	36	25X1
b. "A", "B", "H" camera qualification and resolution testing to establish a baseline for various cameras at specific altitudes	8	8		
c. RFI testing ("H" & IRIS)		8		
d. Qualification testing of "H" camera light weight mounts		3		
e. "Q" bay pre-conditioning tests		10		
f. Lens testing for				
1) B-2 camera (B-3 baseline)		2		
2) Delta III Achromatic; testing leading to qualification in 4/72. FY 73 projection results from PILOT requirement.		7	8	
3) "H" color corrected lens		17	17	
4) B-3 camera			12	
g. SO-242 Color Film Qualification				
1) B-2/B-3			3	
2) "H"			2	
3) IRIS II		1	1	
(A) []			6	25X1

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DESCRIPTION	FY-71	NUMBER OF SORTIES	
		FY-72	FY-73 Expected
h. Hatch heater air distribution test			
1) IRIS			4
2) "H"			
25X1 i. [] Interface			
IRIS		8	
j. COMPASS TRIP			
1) []			13
2) Color (SO-242)			12
3) 2424 Spec Data			12
k. UTB-Ultra Thin Base Film Testing "H"		3	
2. Avionics			
25X1 a. [] testing conducted in			
25X1 FY-71 centered on developing an			
EWS and [] baseline.			
During FY-72, efforts shifted to			
prototype and production qualifica-			
tion testing for System 130,			
Mod D and O/S MK III	12	42	34
b. [] testing prior to			
declaring it OR at Det. "H"	6		
25X1 c. [] testing involved an			
25X1 [] to			
gather U-2R signature data.	3	5	
25X1 d. []	22	6	
e. Flight testing light-weight			
HF radio		2	1

25X1

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DESCRIPTION	NUMBER OF SORTIES		
	FY-71	FY-72	FY-73 Expected
g. SENIOR BOOK testing expected to be accomplished on two aircraft			8
h. System 20 flight testing after mod/IRAN			6
i. G&T Package testing			4
 TOTAL TECHNICAL TESTING SORTIES	 73	 133	 189
 TOTAL SORTIES FLOWN BY DET "G"	 360	 396	 404
 PERCENT OF SORTIES USED IN TECHNICAL TESTING	 20	 33	 44

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